

D2
axis of the machine frame at an angle other than 90°. This arrangement permits the use of a larger heat exchanger without substantially obstructing the view of the machine operator.

IN THE CLAIMS

Please cancel claims 1, 10, and 18.

Please amend claims 2, 4, 6, 8, 9, 11, 12, 14, 16, and 17 as follows:

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2. (amended) A work machine, comprising:
a main frame;
an engine assembly mounted on said main frame;
a radiator assembly mounted on said main frame; and
a transmission assembly (i) mechanically coupled to said engine assembly and (ii) mounted on said main frame such that said transmission assembly is interposed between said engine assembly and said radiator assembly;
said main frame has a longitudinal axis;
said radiator assembly includes a cooling core having an upper edge;
said cooling core is positioned relative to said longitudinal axis such that (i) a linear extension of said upper edge defines a line L_1 , (ii) a line L_2 is defined by a line which intersects said longitudinal axis so as to define a 90° angle α therebetween, and (iii) an angle σ is defined between said line L_1 and said line L_2 , and (iv) $40.0^\circ \leq \sigma \leq 95.0^\circ$.

3. (amended) The work machine of claim 2, further comprising a cab assembly mounted on the main frame, wherein said cab assembly is interposed between said engine assembly and said radiator assembly.

4. (twice amended) The work machine of claim 2, further comprising:
a work implement coupled to said main frame; and
said radiator assembly is interposed between said work implement and said engine assembly.

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6. (twice amended) The work machine of claim 2, wherein:
said radiator assembly include (i) a radiator fan and (ii) a cooling core;
and
said cooling core is interposed between said radiator fan and said
engine assembly.

D5
8. (amended) The work machine of claim 2, further comprising:
a conduit having (i) a first end attached to said engine assembly, (ii) a
second end attached to said radiator assembly, and (iii) said engine assembly
is in fluid communication with said radiator assembly; and
a cooling fluid which is advanced from said radiator assembly to said
engine assembly through said conduit.

9. (twice amended) The work machine of claim 2, further comprising:
a ground engaging mechanism mechanically coupled to said engine
assembly; and
wherein actuation of said ground engaging mechanism by said engine
causes said work machine to be advanced over a ground segment.

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11. (amended) A work machine, comprising:
a main frame;
an engine assembly mounted on said main frame;
a radiator assembly mounted on said main frame; and
a cab assembly mounted on said main frame such that said cab
assembly is interposed between said engine assembly and said radiator
assembly;
said main frame having a longitudinal axis;
said radiator assembly includes a cooling core having an upper edge;
and
said cooling core is positioned relative to said longitudinal axis such
that (i) a linear extension of said upper edge defines a line L_1 , (ii) a line L_2 is
defined by a line which intersects said longitudinal axis so as to define a 90°
angle α therebetween, and (iii) an angle σ is defined between said line L_1 and

said line L_2 , and (iv) $40.0^\circ \leq \sigma \leq 95.0^\circ$.

D6 12. (twice amended) The work machine of claim 11, further comprising:

a work implement coupled to said main frame; and

said radiator assembly is interposed between said work implement and said cab assembly.

D7 14. (twice amended) The work machine of claim 11, wherein:
said radiator assembly includes (i) a radiator fan and (ii) a cooling core;
and

said cooling core is interposed between said radiator fan and said cab assembly.

D8 16. (amended) The work machine of claim 11, further comprising:
a conduit having (i) a first end attached to said engine assembly, (ii) a second end attached to said radiator assembly, and (iii) said engine assembly is in fluid communication with said radiator assembly; and
a cooling fluid which is advanced from said radiator assembly to said engine assembly through said conduit.

17. (twice amended) The work machine of claim 11, further comprising:
a ground engaging mechanism mechanically coupled to said engine assembly; and
wherein actuation of said ground engaging mechanism by said engine causes said work machine to be advanced over a ground segment.

REMARKS

Reconsideration of this application is respectfully requested. Claims 2 - 17 and 19 - 28 are now pending in this application, claims 1, 10, and 18 having been canceled above without prejudice. Claims 2, 4, 6, 8, 9, 11, 12, 14, 16, and 17 are amended.